

LINE# LOC CODE LINE

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; ****
; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
; *   M   M   000 N   N   *
; ****

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; ****
; *   64K-ADD-ON MONITOR   *
; *
; *   THIS PROGRAM ALLOWS A USER TO   *
; *   EXAMINE, MODIFY, AND RUN PROGRAMS   *
; *   WITH BREAKPOINTS IN THE 64K ADD-ON   *
; *   MEMORY. IT IS FUNCTIONALLY THE SAME   *
; *   AS THE PET RESIDENT MONITOR.   *
; *
; *   29JAN81 Rjf      29JUL81 Rjf   *
; *
; *   CBM PART # 8032118-01 REV B   *
; *
; ****>*

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; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
; *   M   M   000 N   N   *
; ****

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; ****
; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
; *   M   M   000 N   N   *
; ****

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; ****
; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
; *   M   M   000 N   N   *
; ****

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; ****
; *   AAA DDDD DDDD      000 N N   *
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; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
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; ****
; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM 0   O N N N   *
; *   *** M   M 0   O N N N   *
; *   *** M   M 0   O N N N   *
; *   M   M 0   O N N N   *
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; *   AAA DDDD DDDD      000 N N   *
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; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
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; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
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; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
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; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
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; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
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; *
; *   CBM PART # 8032118-01 REV B   *
; *
; ****>*

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MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
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00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
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00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

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LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

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LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

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LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

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LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

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LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND	
00391	0545		;	
00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
00394	0549	68	PLA	
00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

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LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

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LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

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LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

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LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
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00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
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00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
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00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
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00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
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00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE	
00385	0540	B5 11	STA TMPO+1	
00386	0542	A9 05	LDA #5	
00387	0544	60	RTS	
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT	
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00392	0545	48	ALTRIT PHA	;PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF	
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00395	054A	20 B1 09	JSR BSOUT	
00397	054D	A9 20	SPACE LDA #\$20	;OUTPUT A SPACE
00398	054F	2C	.BYT \$2C	;SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'?	;OUTPUT QUESTION
00400	0552	2C	.BYT \$2C	;SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D	;DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT	
00404	0558		;DATA FOR REGISTER DISPLAY HEADING	
00405	0558		;	
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES	
00406	0559	20		
00406	055A	20		
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'	
00407	055F	20 49		
00407	0564	20 53		
00409	0573		;DISPLAY REGISTER FUNCTION	
00410	0573		;	
00411	0573	A2 00	DSPLYR LDX #0	
00412	0575	BD 58 05	D2 LDA REGK,X	
00413	0578	20 B1 07	JSR BSOUT ,PRINT HEADING	
00414	057B	EB	INX	
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH	
00416	057E	D0 F5	BNE D2	
00417	0580	A9 3B	LDA #'	
00418	0582	20 45 05	JSR ALTRIT ;ALLOW ALTER AFTER DISPLAY	
00419	0585	A6 00	LDX PCH	
00420	0587	A4 01	LDY PCL	
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER	

MONITOR.....PAGE 0011

LINE#	LOC	CODE	LINE
00385	0540	B5 11	STA TMPO+1
00386	0542	A9 05	LDA #5
00387	0544	60	RTS
00389	0545		;PRINTS ' ' OR ',' BEFORE DATA TO PERMIT
00390	0545		;ALTER AFTER 'M' OR 'R' COMMAND
00391	0545		;
00392	0545	48	ALTRIT PHA ; PRESERVE ALTER CHARACTER
00393	0546	20 53 05	JSR CRLF
00394	0549	68	PLA
00395	054A	20 B1 09	JSR BSOUT
00397	054D	A9 20	SPACE LDA #\$20 ; OUTPUT A SPACE
00398	054F	2C	.BYT \$2C ; SKIP TWO BYTES
00399	0550	A9 3F	OUTGST LDA #'? ; OUTPUT QUESTION
00400	0552	2C	.BYT \$2C ; SKIP TWO BYTES
00401	0553	A9 0D	CRLF LDA #\$D ; DO CARRIAGE RETURN
00402	0555	4C B1 09	JMP BSOUT
00404	0558		;DATA FOR REGISTER DISPLAY HEADING
00405	0558		;
00406	0558	0D	REGK .BYT CR,\$20,\$20 ;3 SPACES
00406	0559	20	
00406	055A	20	
00407	055B	20 50	.BYT ' PC ',' IRQ ',' SR AC XR YR SP'
00407	055F	20 49	
00407	0564	20 53	
00409	0573		;DISPLAY REGISTER FUNCTION
00410	0573		;
00411	0573	A2 00	DSPLYR LDX #0
00412	0575	BD 58 05	D2 LDA REGK,X
00413	0578	20 B1 07	JSR BSOUT ;PRINT HEADING
00414	057B	EB	INX
00415	057C	E0 1B	CPX #DSPLYR-REGK ,MAX LENGTH
00416	057E	D0 F5	BNE D2
00417	0580	A9 3B	LDA #'
00418	0582	20 45 05	JSR ALTRIT ; ALLOW ALTER AFTER DISPLAY
00419	0585	A6 00	LDX PCH
00420	0587	A4 01	LDY PCL
00421	0589	20 DC 06	JSR WRDA ;PRINT PROGRAM COUNTER

LINE# LOC CODE LINE

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00001 0000
00002 0000
00003 0000
00004 0000
00005 0000
00006 0000
00007 0000
00008 0000
00009 0000
00010 0000
00011 0000
00012 0000
00013 0000
00014 0000
00015 0000
00016 0000
00017 0000

; ****
; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
; *   M   M   000 N   N   *
; ****

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00019 0000
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00029 0000
00030 0000
00031 0000
00032 0000
00033 0000

; ****
; *   64K-ADD-ON MONITOR   *
; *
; *   THIS PROGRAM ALLOWS A USER TO   *
; *   EXAMINE, MODIFY, AND RUN PROGRAMS   *
; *   WITH BREAKPOINTS IN THE 64K ADD-ON   *
; *   MEMORY. IT IS FUNCTIONALLY THE SAME   *
; *   AS THE PET RESIDENT MONITOR.   *
; *
; *   29JAN81 Rjf      29JUL81 Rjf   *
; *
; *   CBM PART # 8032118-01 REV B   *
; *
; ****>*

```

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00001 0000
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; ****
; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
; *   M   M   000 N   N   *
; ****

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00019 0000
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; ****
; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
; *   M   M   000 N   N   *
; ****

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; *   AAA DDDD DDDD      000 N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A D   D D   D *** O   O N N N   *
; *   AAAAA D   D D   D *** O   O N N N   *
; *   A   A D   D D   D   O   O N N N   *
; *   A   A DDDD DDDD      000 N N   *
; *
; *   M   M   000 N   N   *
; *   MM MM O   O N N N   *
; *   *** M   M O   O N N N   *
; *   *** M   M O   O N N N   *
; *   M   M O   O N N N   *
; *   M   M   000 N   N   *
; ****

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